

1

2

3

4

5

6

POWER SUPPLY TEST POINTS

- +5V
- +4V
- +18V
- +12V
- +5V
- -5.2V
- -15V
- -17V
- +0.5V
- +10V
- +5V
- +5V
- -8V

TO/FROM (1E)  
PS12 A2A2  
FRONT PANEL  
#2 BOARD  
A2A2 (3)

1	A1	XX
2	A2	XX
3	A3	XX
4	A4	XX
5	A5	XX
6	A6	XX
7	A7	XX
8	A8	XX
9	A9	XX
10	A10	XX
11	A11	XX
12	A12	XX
13	A13	XX
14	A14	XX
15	A15	XX
16	A16	XX
17	A17	XX
18	A18	XX
19	A19	XX
20	A20	XX
21	A21	XX
22	A22	XX
23	A23	XX
24	A24	XX
25	A25	XX
26	A26	XX
27	A27	XX
28	A28	XX
29	A29	XX
30	A30	XX
31	A31	XX
32	A32	XX
33	A33	XX
34	A34	XX
35	A35	XX
36	A36	XX
37	A37	XX
38	A38	XX
39	A39	XX
40	A40	XX
41	A41	XX
42	A42	XX
43	A43	XX
44	A44	XX
45	A45	XX
46	A46	XX
47	A47	XX
48	A48	XX
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67	A67	XX
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69	A69	XX
70	A70	XX
71	A71	XX
72	A72	XX
73	A73	XX
74	A74	XX
75	A75	XX
76	A76	XX
77	A77	XX
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82	A82	XX
83	A83	XX
84	A84	XX
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89	A89	XX
90	A90	XX
91	A91	XX
92	A92	XX
93	A93	XX
94	A94	XX
95	A95	XX
96	A96	XX
97	A97	XX
98	A98	XX
99	A99	XX
100	A100	XX

TO/FROM (7C)  
PS00 A17A4  
F(S) DRIVER  
BOARD  
A17A4 (1)

1	A1	XX
2	A2	XX
3	A3	XX
4	A4	XX
5	A5	XX
6	A6	XX
7	A7	XX
8	A8	XX
9	A9	XX
10	A10	XX
11	A11	XX
12	A12	XX
13	A13	XX
14	A14	XX
15	A15	XX
16	A16	XX
17	A17	XX
18	A18	XX
19	A19	XX
20	A20	XX
21	A21	XX
22	A22	XX
23	A23	XX
24	A24	XX
25	A25	XX
26	A26	XX
27	A27	XX
28	A28	XX
29	A29	XX
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42	A42	XX
43	A43	XX
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47	A47	XX
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50	A50	XX
51	A51	XX
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61	A61	XX
62	A62	XX
63	A63	XX
64	A64	XX
65	A65	XX
66	A66	XX
67	A67	XX
68	A68	XX
69	A69	XX
70	A70	XX
71	A71	XX
72	A72	XX
73	A73	XX
74	A74	XX
75	A75	XX
76	A76	XX
77	A77	XX
78	A78	XX
79	A79	XX
80	A80	XX
81	A81	XX
82	A82	XX
83	A83	XX
84	A84	XX
85	A85	XX
86	A86	XX
87	A87	XX
88	A88	XX
89	A89	XX
90	A90	XX
91	A91	XX
92	A92	XX
93	A93	XX
94	A94	XX
95	A95	XX
96	A96	XX
97	A97	XX
98	A98	XX
99	A99	XX
100	A100	XX

P10 (NOT USED)

1	A1	XX
2	A2	XX
3	A3	XX
4	A4	XX
5	A5	XX
6	A6	XX
7	A7	XX
8	A8	XX
9	A9	XX
10	A10	XX
11	A11	XX
12	A12	XX
13	A13	XX
14	A14	XX
15	A15	XX
16	A16	XX
17	A17	XX
18	A18	XX
19	A19	XX
20	A20	XX
21	A21	XX
22	A22	XX
23	A23	XX
24	A24	XX
25	A25	XX
26	A26	XX
27	A27	XX
28	A28	XX
29	A29	XX
30	A30	XX
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32	A32	XX
33	A33	XX
34	A34	XX
35	A35	XX
36	A36	XX
37	A37	XX
38	A38	XX
39	A39	XX
40	A40	XX
41	A41	XX
42	A42	XX
43	A43	XX
44	A44	XX
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61	A61	XX
62	A62	XX
63	A63	XX
64	A64	XX
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66	A66	XX
67	A67	XX
68	A68	XX
69	A69	XX
70	A70	XX
71	A71	XX
72	A72	XX
73	A73	XX
74	A74	XX
75	A75	XX
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78	A78	XX
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89	A89	XX
90	A90	XX
91	A91	XX
92	A92	XX
93	A93	XX
94	A94	XX
95	A95	XX
96	A96	XX
97	A97	XX
98	A98	XX
99	A99	XX
100	A100	XX

TO/FROM (1B)  
J10 A29  
REFERENCE  
OSCILLATOR  
BOARD  
A29 (2)

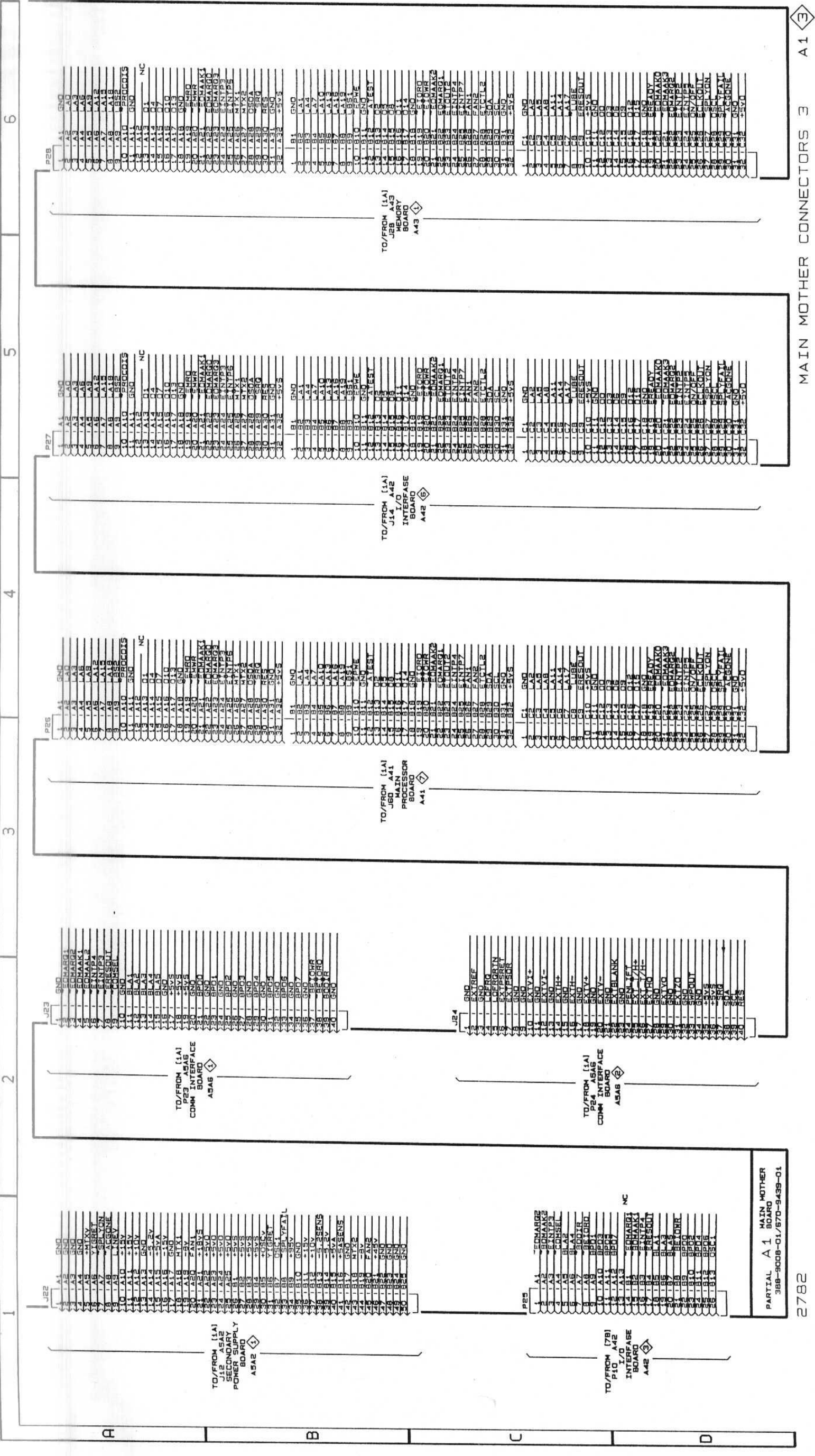
1	A1	XX
2	A2	XX
3	A3	XX
4	A4	XX
5	A5	XX
6	A6	XX
7	A7	XX
8	A8	XX
9	A9	XX
10	A10	XX
11	A11	XX
12	A12	XX
13	A13	XX
14	A14	XX
15	A15	XX
16	A16	XX
17	A17	XX
18	A18	XX
19	A19	XX
20	A20	XX
21	A21	XX
22	A22	XX
23	A23	XX
24	A24	XX
25	A25	XX
26	A26	XX
27	A27	XX
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34	A34	XX
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37	A37	XX
38	A38	XX
39	A39	XX
40	A40	XX
41	A41	XX
42	A42	XX
43	A43	XX
44	A44	XX
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48	A48	XX
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55	A55	XX
56	A56	XX
57	A57	XX
58	A58	XX
59	A59	XX
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61	A61	XX
62	A62	XX
63	A63	XX
64	A64	XX
65	A65	XX
66	A66	XX
67	A67	XX
68	A68	XX
69	A69	XX
70	A70	XX
71	A71	XX
72	A72	XX
73	A73	XX
74	A74	XX
75	A75	XX
76	A76	XX
77	A77	XX
78	A78	XX
79	A79	XX
80	A80	XX
81	A81	XX
82	A82	XX
83	A83	XX
84	A84	XX
85	A85	XX
86	A86	XX
87	A87	XX
88	A88	XX
89	A89	XX
90	A90	XX
91	A91	XX
92	A92	XX
93	A93	XX
94	A94	XX
95	A95	XX
96	A96	XX
97	A97	XX
98	A98	XX
99	A99	XX
100	A100	XX

TO/FROM (1C)  
P1 A33  
SWEEP/SPAN  
BOARD  
A33 (4)

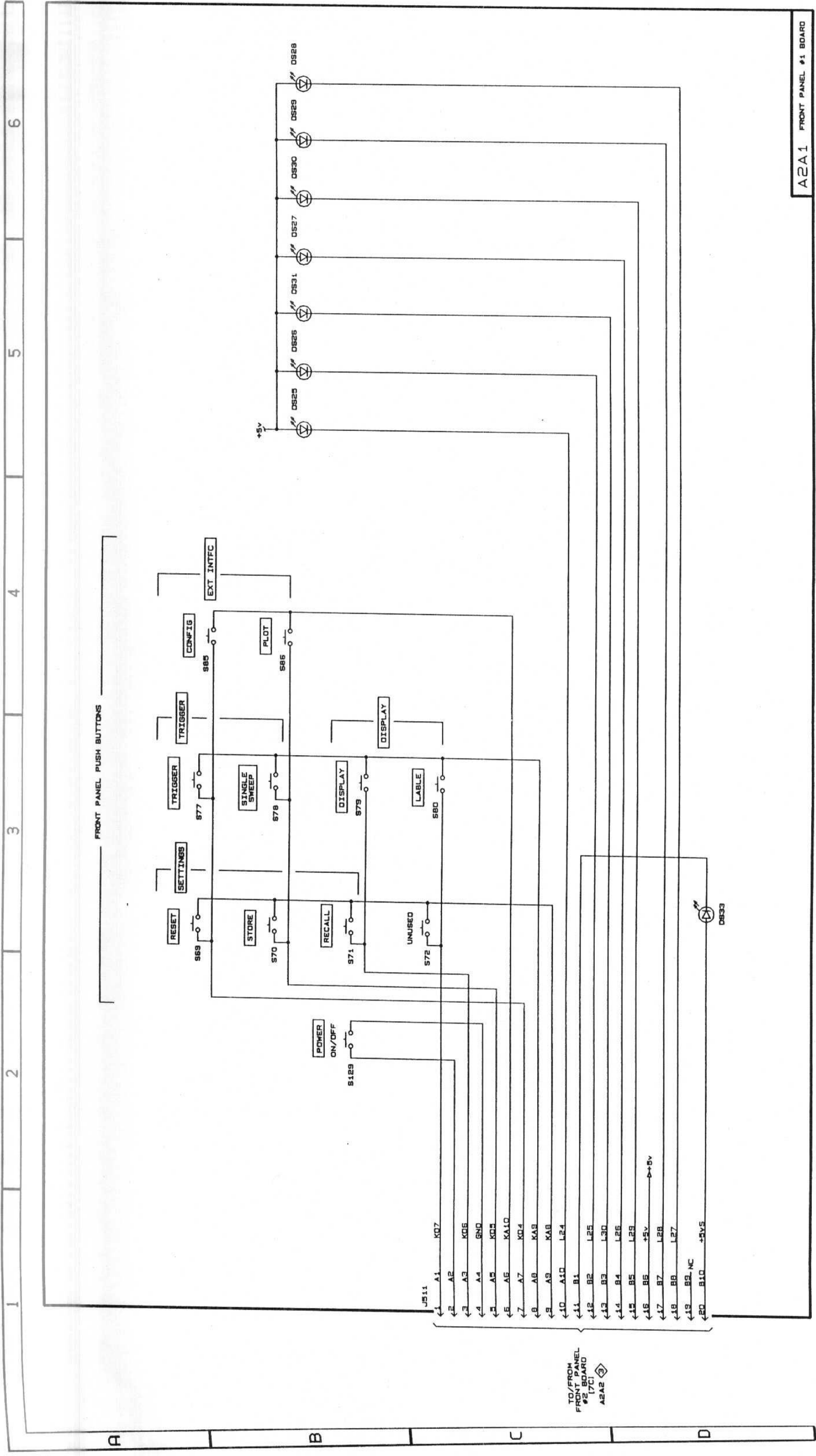
1	A1	XX
2	A2	XX
3	A3	XX
4	A4	XX
5	A5	XX
6	A6	XX
7	A7	XX
8	A8	XX
9	A9	XX
10	A10	XX
11	A11	XX
12	A12	XX
13	A13	XX
14	A14	XX
15	A15	XX
16	A16	XX
17	A17	XX
18	A18	XX
19	A19	XX
20	A20	XX
21	A21	XX
22	A22	XX
23	A23	XX
24	A24	XX
25	A25	XX
26	A26	XX
27	A27	XX
28	A28	XX
29	A29	XX
30	A30	XX
31	A31	XX
32	A32	XX
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36	A36	XX
37	A37	XX
38	A38	XX
39	A39	XX
40	A40	XX
41	A41	XX
42	A42	XX
43	A43	XX
44	A44	XX
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46	A46	XX
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55	A55	XX
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57	A57	XX
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62	A62	XX
63	A63	XX
64	A64	XX
65	A65	XX
66	A66	XX
67	A67	XX
68	A68	XX
69	A69	XX
70	A70	XX
71	A71	XX
72	A72	XX
73	A73	XX
74	A74	XX
75	A75	XX
76	A76	XX
77	A77	XX
78	A78	XX
79	A79	XX
80	A80	XX
81	A81	XX
82	A82	XX
83	A83	XX
84	A84	XX
85	A85	XX
86	A86	XX
87	A87	XX
88	A88	XX
89	A89	XX
90	A90	XX
91	A91	XX
92	A92	XX
93	A93	XX
94	A94	XX
95	A95	XX
96	A96	XX
97	A97	XX
98	A98	XX
99	A99	XX
100	A100	XX

P503 (NOT USED)

1	A1	RES
2	A2	GND
3	A3	SDA
4	A4	GND
5	A5	GND
6	A6	GND
7	A7	GND
8	A8	GND
9	A9	GND
10	A10	GND
11	A11	GND
12	A12	GND
13	A13	GND
14	A14	GND
15	A15	GND
16	A16	GND
17	A17	GND
18	A18	GND
19	A19	GND
20	A20	GND
21	A21	GND
22	A22	GND
23	A23	GND
24	A24	GND
25	A25	GND
26	A26	GND
27	A27	GND
28	A28	GND
29	A29	GND
30	A30	GND
31	A31	GND
32	A32	GND
33	A33	GND
34	A34	GND
35	A35	GND
36	A36	GND
37	A37	GND
38	A38	GND
39	A39	GND
40	A40	GND
41	A41	GND
42	A42	GND
43	A43	GND
44	A44	GND
45	A45	GND
46	A46	GND
47	A47	GND
48	A48	GND
49	A49	GND
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53	A53	GND
54	A54	GND
55	A55	GND
56	A56	GND
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61	A61	GND
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63	A63	GND
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66	A66	GND
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71	A71	GND
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73	A73	GND
74	A74	GND
75	A75	GND
76	A76	GND
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414	A414	GND
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47		







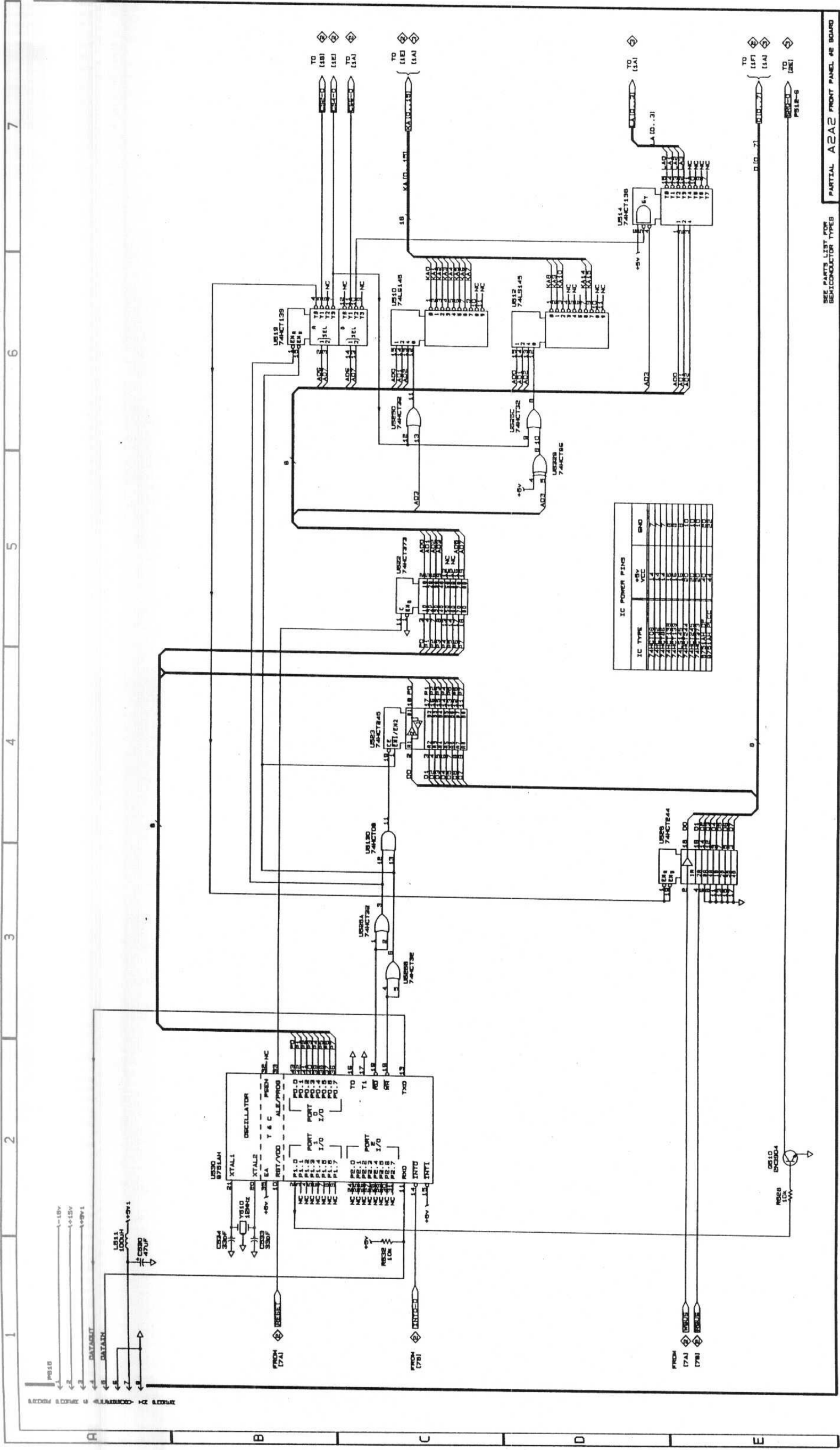
TO/FROM  
FRONT PANEL  
#2 BOARD  
A2A2

A2A1 FRONT PANEL #1 BOARD

FRONT PANEL #1 A2A1 1

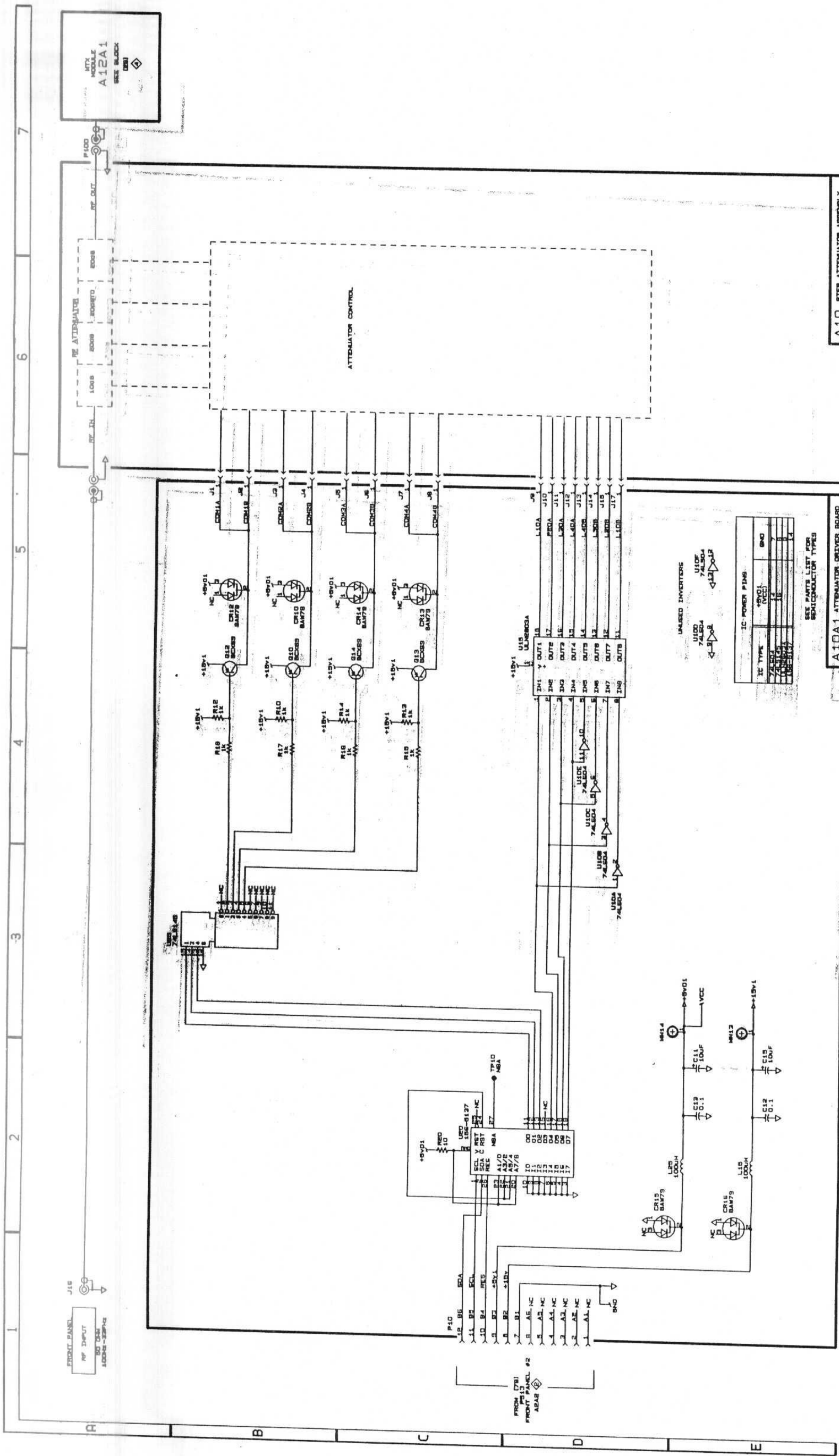
H-9035-01 REV. JAN 28, 1992

2782









2782

H-6777-02 REV. FEB 81 1982

A10A1 ATTENUATOR DRIVER BOARD  
ATTENUATOR DRIVER / STEP ATTENUATOR A10A1  
A10 STEP ATTENUATOR ASSEMBLY

IC TYPE	QTY	REF
74LS04	1	U10
74LS04	1	U11
74LS04	1	U12
74LS04	1	U13
74LS04	1	U14
74LS04	1	U15
74LS04	1	U16
74LS04	1	U17
74LS04	1	U18
74LS04	1	U19
74LS04	1	U20
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74LS04	1	U24
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74LS04	1	U27
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74LS04	1	U92
74LS04	1	U93
74LS04	1	U94
74LS04	1	U95
74LS04	1	U96
74LS04	1	U97
74LS04	1	U98
74LS04	1	U99
74LS04	1	U100

SEE PARTS LIST FOR  
SEMICONDUCTOR TYPES

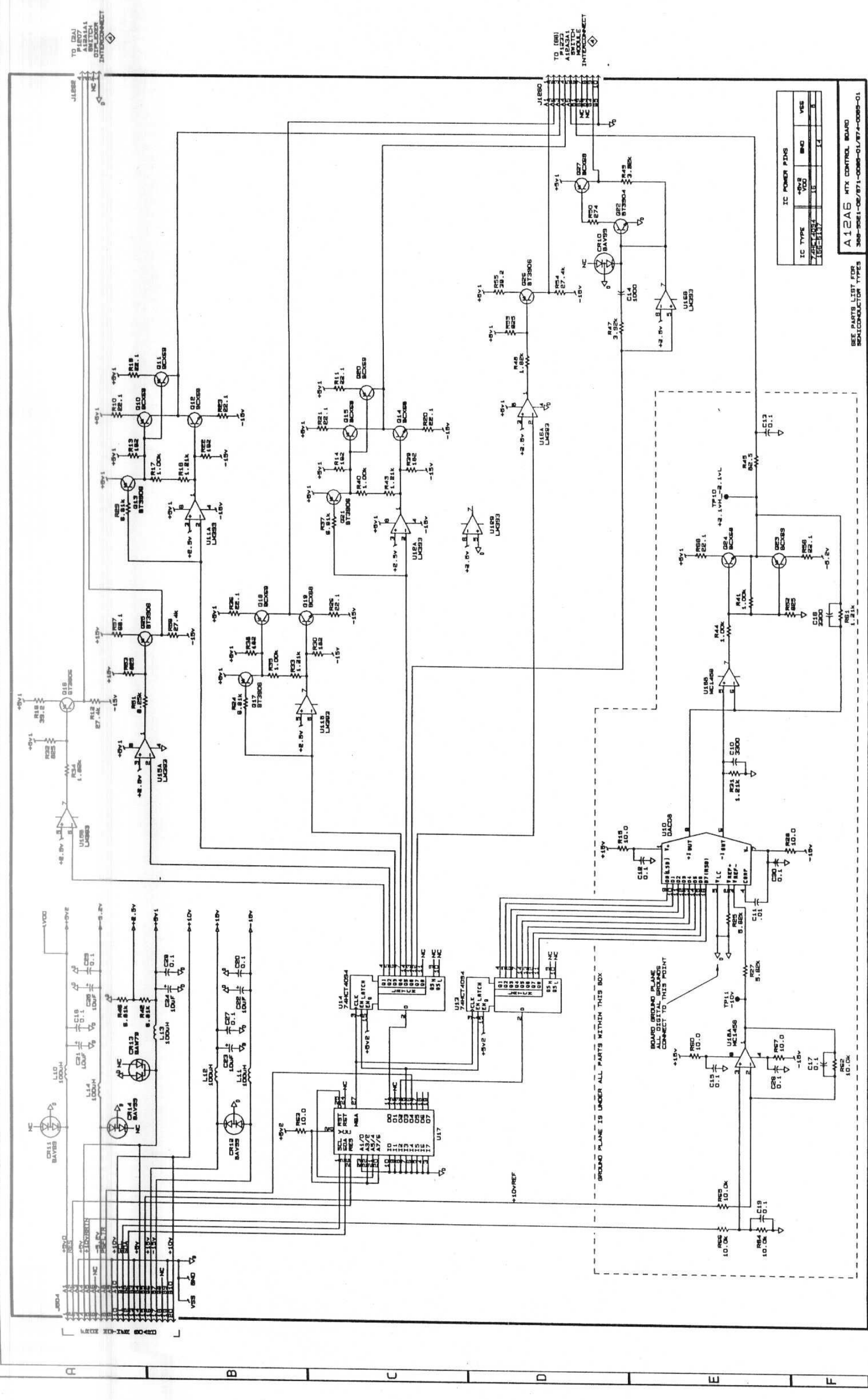
UNUSED INVERTERS

U100  
74LS04  
U101  
74LS04  
U102  
74LS04  
U103  
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74LS04



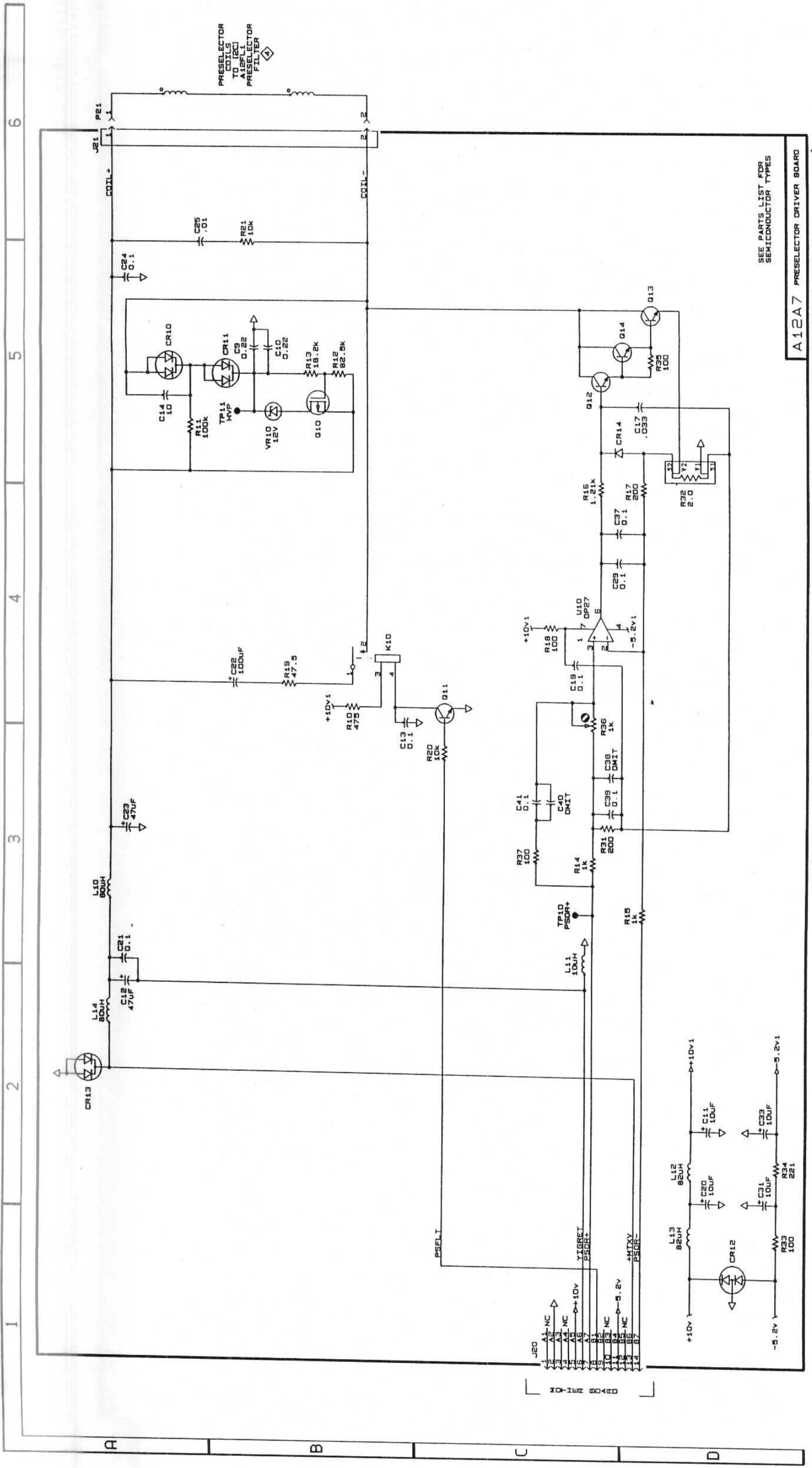


1 2 3 4 5 6 7



A12A6 MTX CONTROL BOARD  
305-3051-02/871-0088-01/871-0089-01  
SEE PARTS LIST FOR  
SEMICONDUCTOR TYPES

IC POWER PINS			
IC TYPE	+5V VCC	GND	VEE
74LS00	15	16	14
74LS01	15	16	14
74LS04	15	16	14

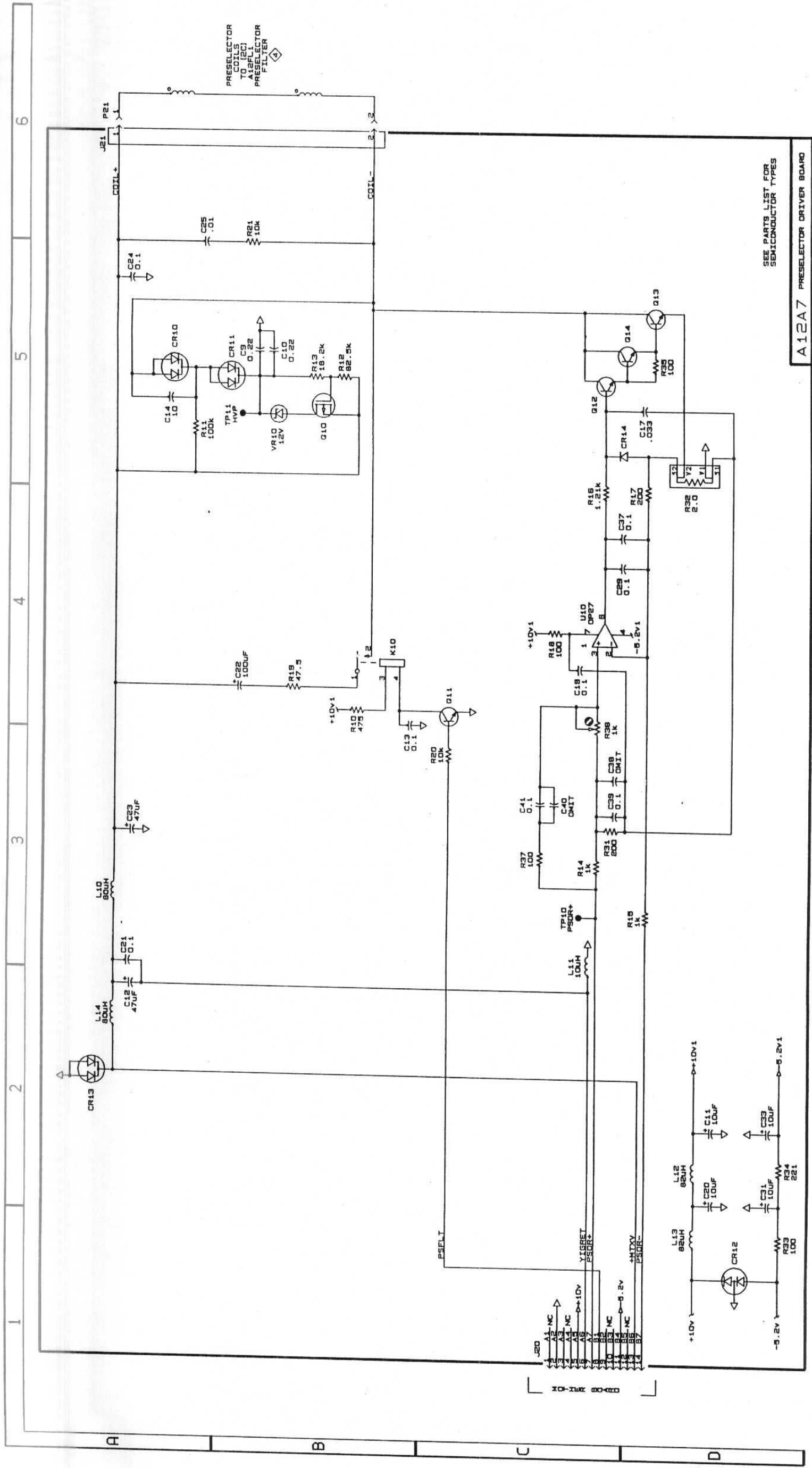


SEE PARTS LIST FOR SEMICONDUCTOR TYPES

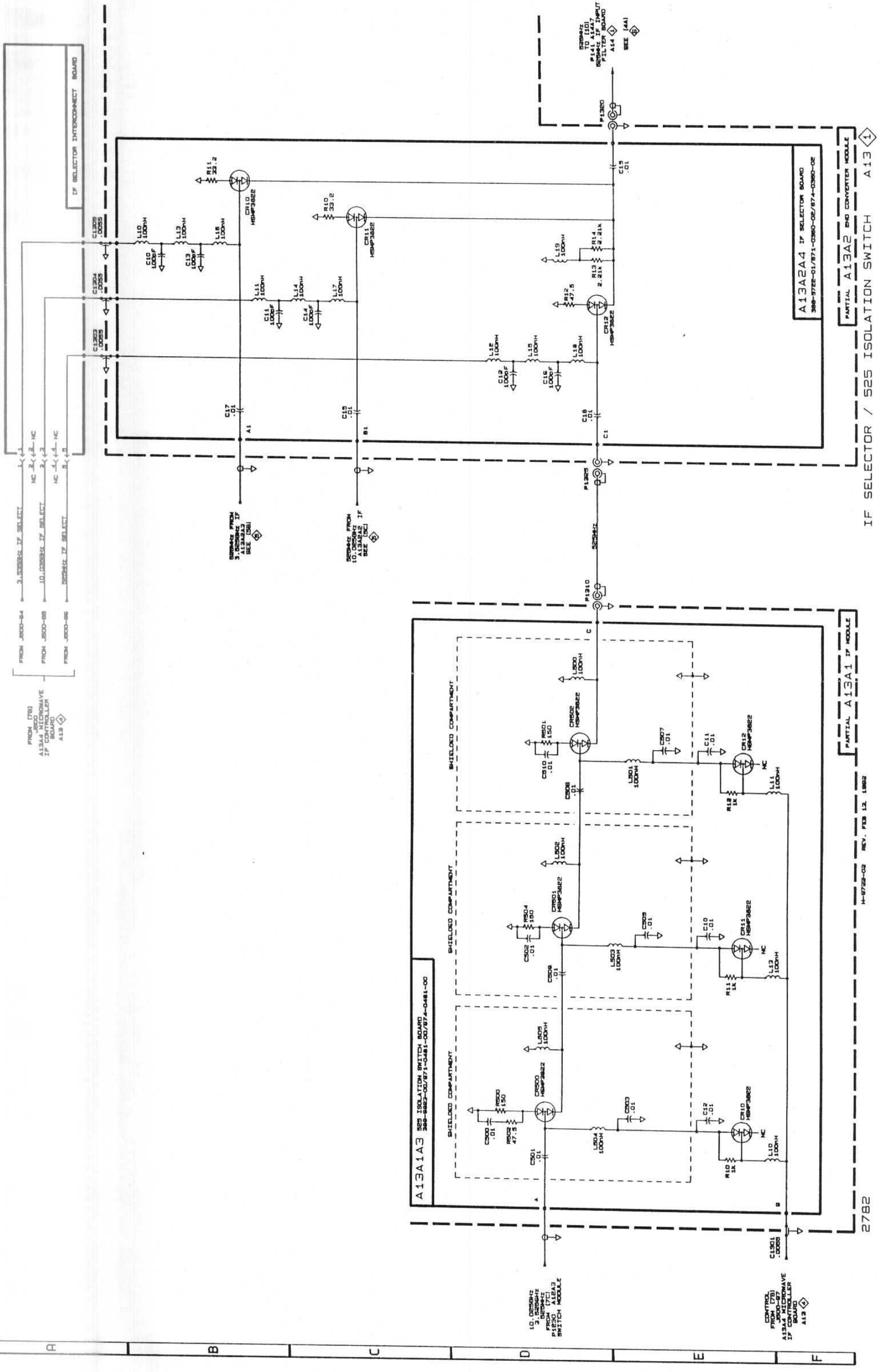
A12A7 PRESELECTOR DRIVER BOARD

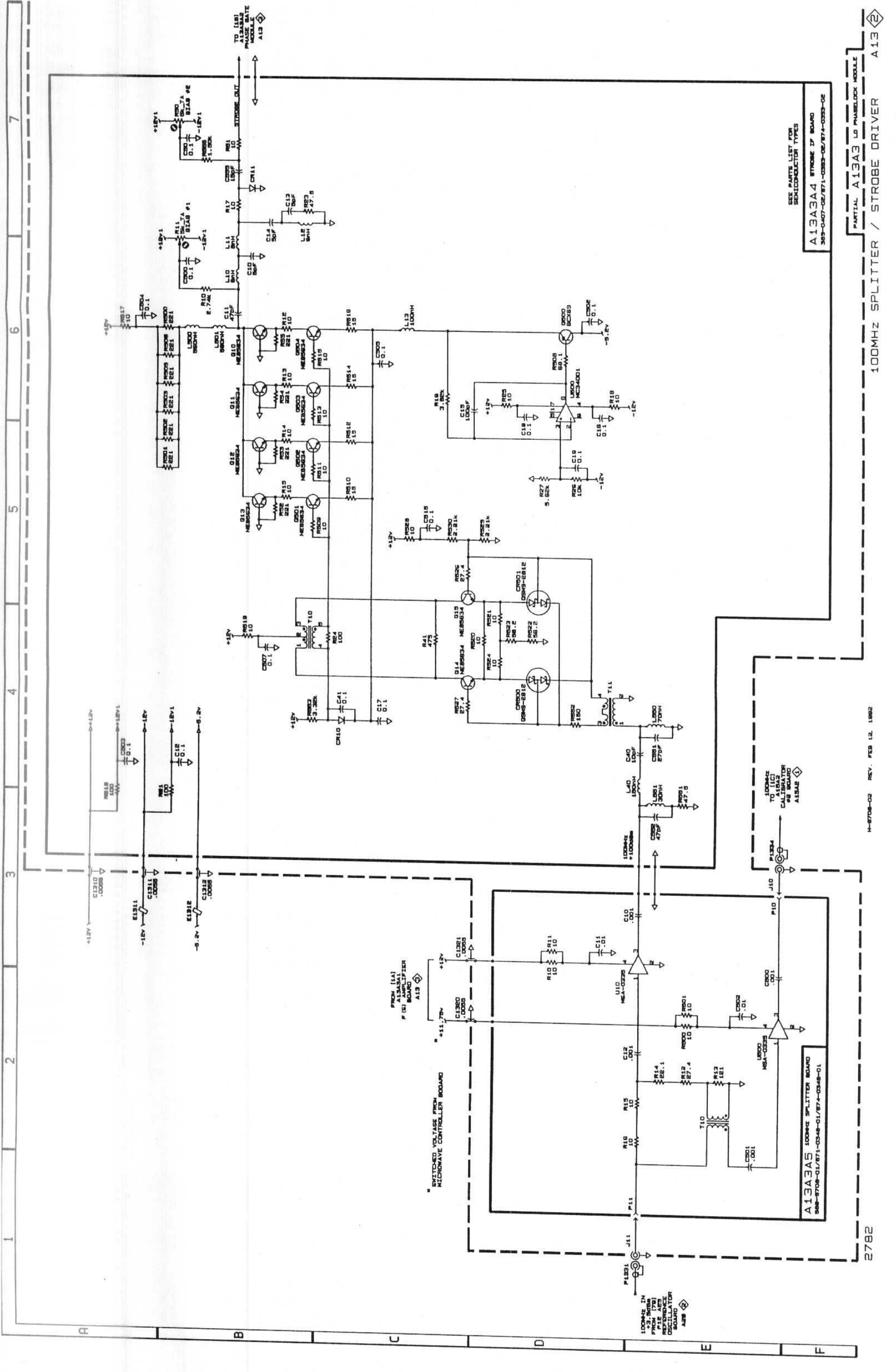
PRESELECTOR DRIVER A12A7

HB-9665-02 REV. AUGUST 26, 1991





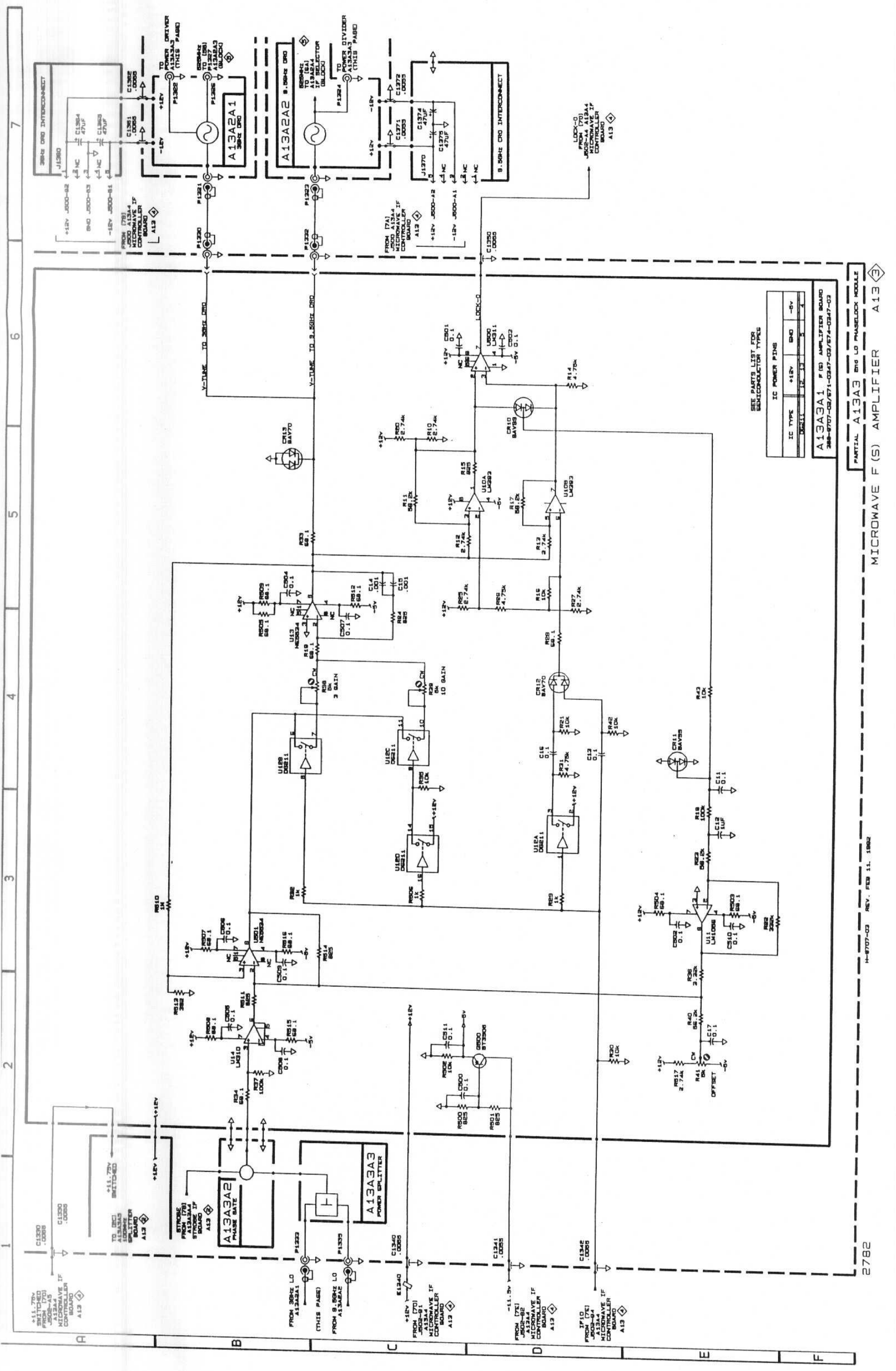




SEE PARTS LIST FOR  
SEMICONDUCTOR TYPES

A13A3A4 STROBE IF BOARD  
369-0407-02/E71-0353-02/E74-0353-02

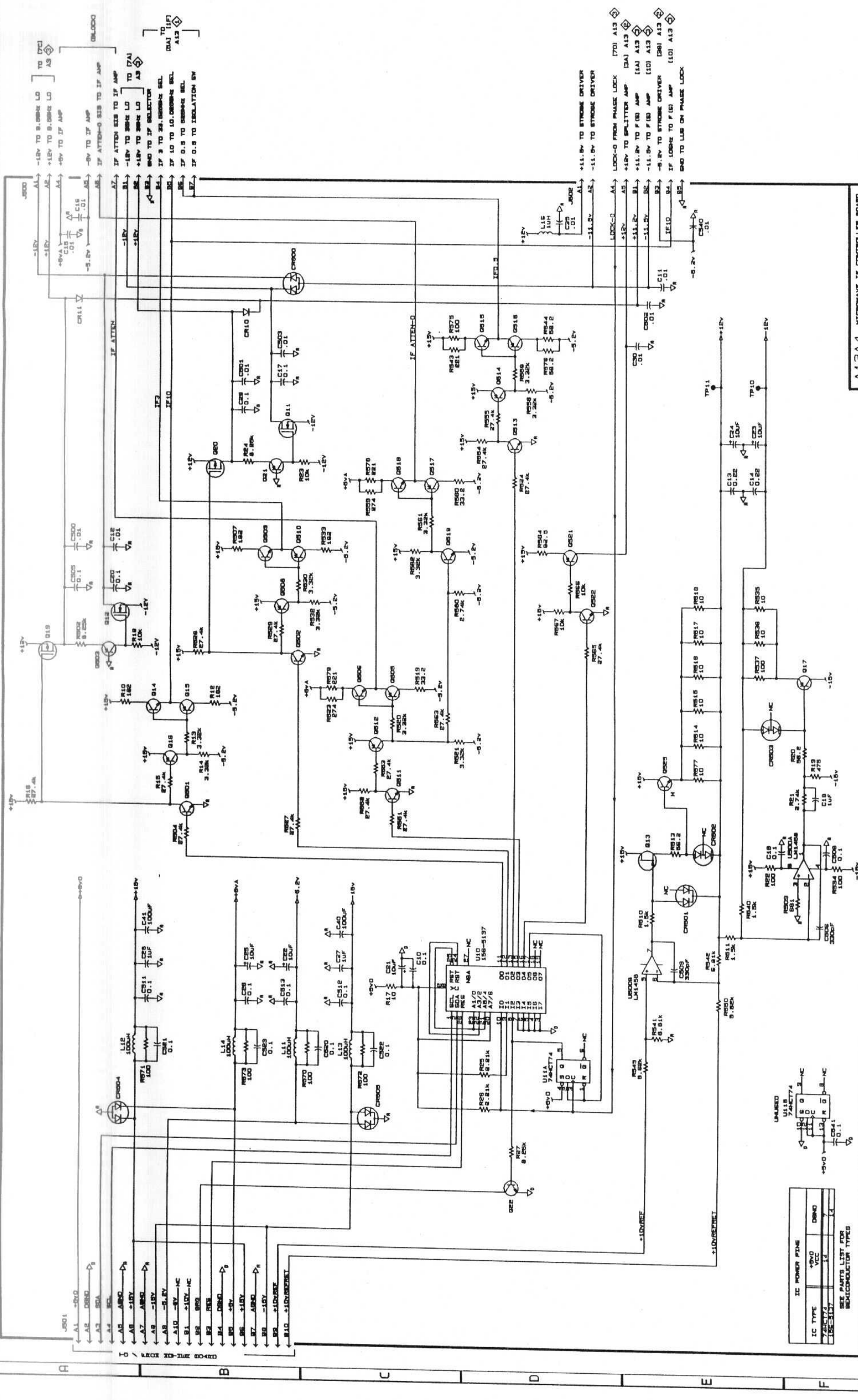
A13A3A5 100MHz SPLITTER BOARD  
368-8708-01/E71-0348-01/E74-0348-01



SEE PARTS LIST FOR SEMICONDUCTOR TYPES

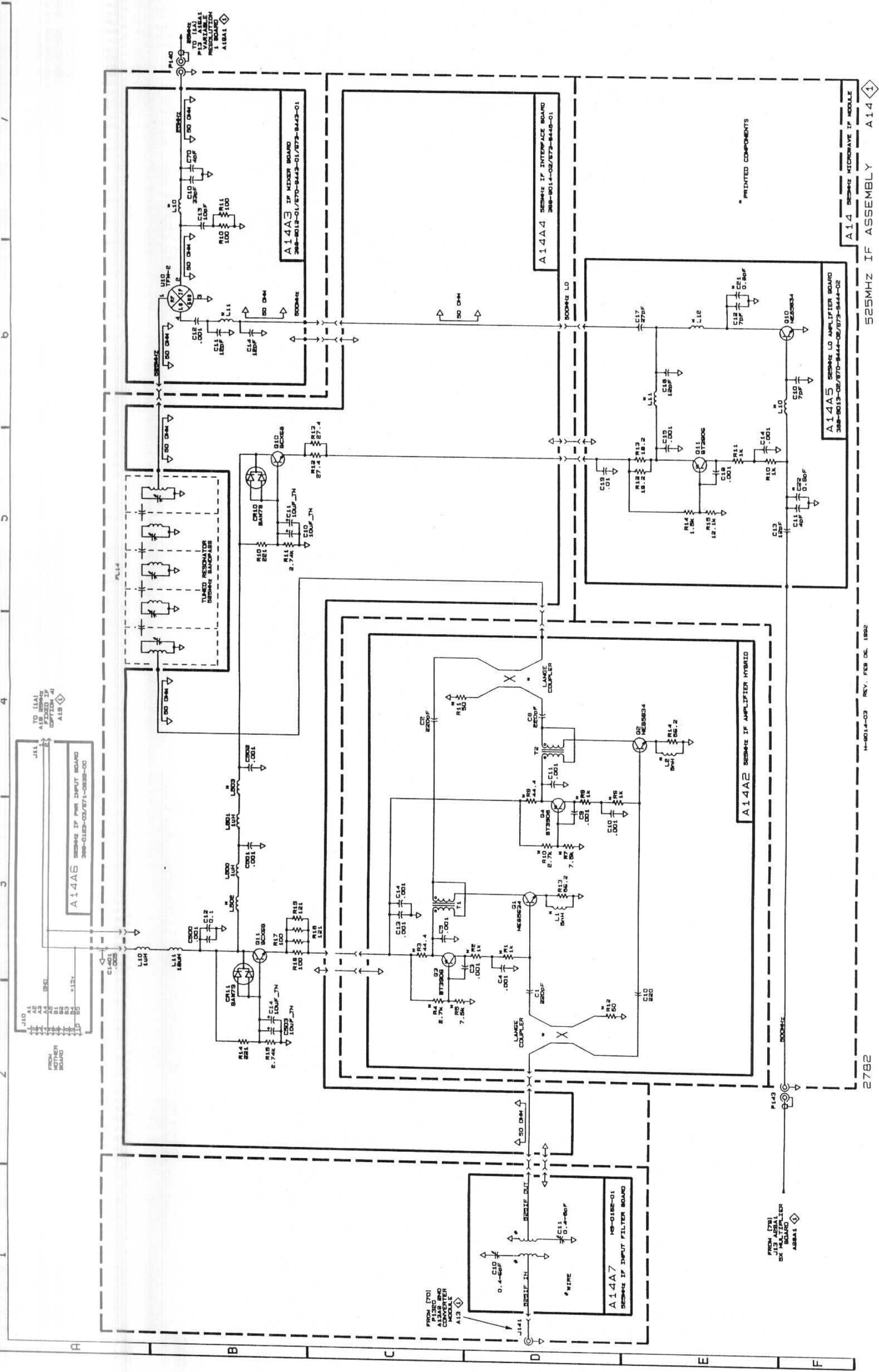
IC TYPE	+12V	-12V	-5V
IC1	1	1	1

A13A3A1 F (S) AMPLIFIER BOARD  
288-8707-02/671-0247-03/674-0247-03

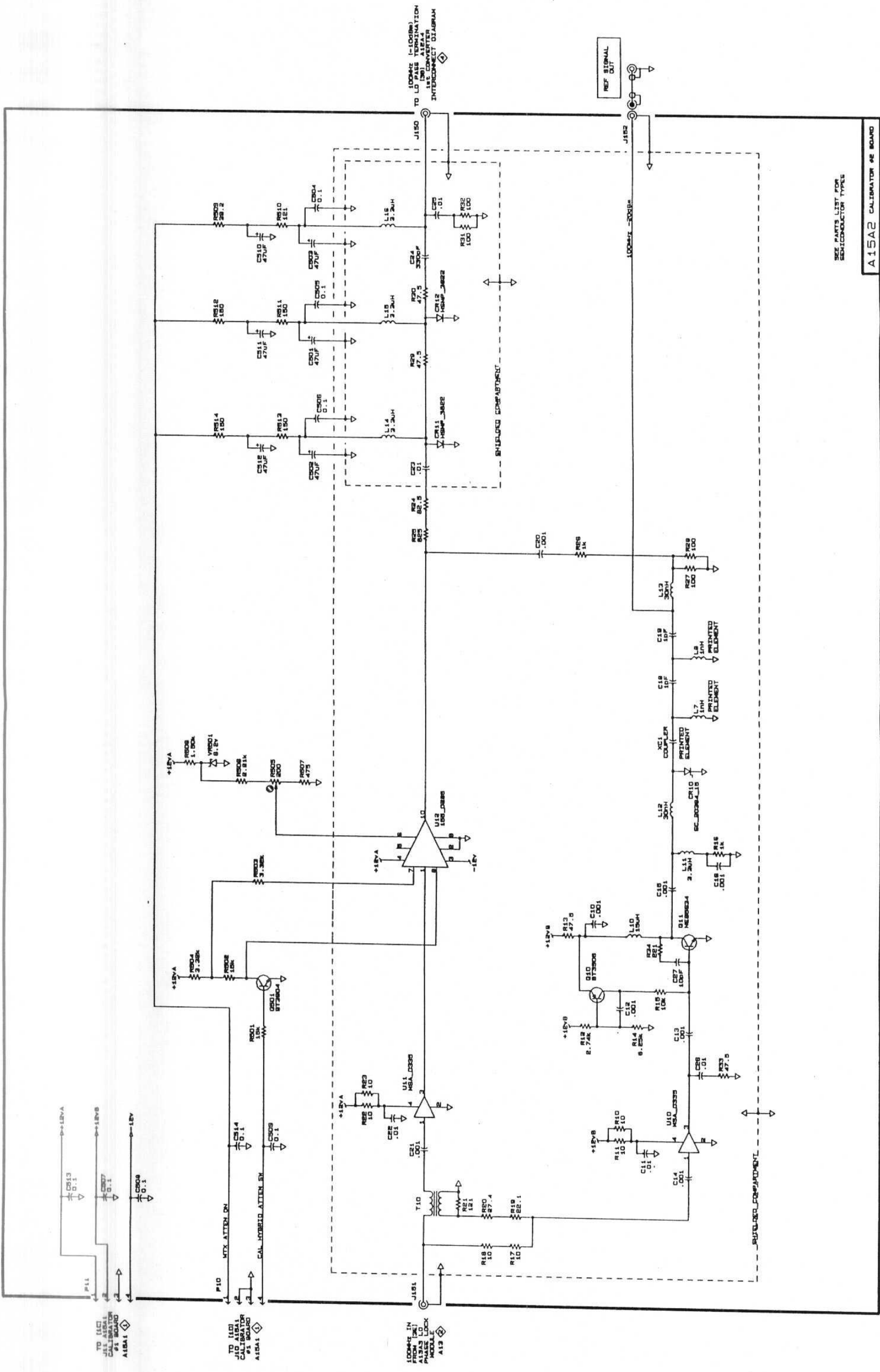












SEE PARTS LIST FOR SEMICONDUCTOR TYPES